

REMARKS/ARGUMENTS

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the amendments and remarks herewith, which place the application into condition for allowance. The present amendment is being made to facilitate prosecution of the application.

I. STATUS OF THE CLAIMS AND FORMAL MATTERS

Claims 5-9, 14 and 15 are pending in this application. Claims 1-4 and 10-13 are hereby canceled without prejudice or disclaimer of subject matter. Indeed, Applicants reserve the right to file one or more Continuation Applications to present these canceled claims. Claims 5, 8 and 9 are independent. Claims 5-9 are hereby amended. Claims 14 and 15, which are similar to canceled claims 1 and 2, are new. No new matter has been introduced by this amendment. Support for this amendment is provided throughout the Specification as originally filed and specifically on page 37 at lines 17-27. Changes to claims are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicants are entitled.

II. 35 U.S.C. § 103(a) REJECTIONS

Claims 1-9 were rejected under 35 U.S.C. § 103(a) as allegedly unpatentable over U.S. Patent No. 6,690,357 to Dunton et al. in view of U.S. Patent No. 6,388,665 to Linnett et al. The cancellation of claims 10-13 renders their rejection moot.

III. RESPONSE TO REJECTIONS

Independent claim 5, as amended, recites, *inter alia*:

“...a movement trail recognizing unit configured to, based on an image obtained by photographing a recognition subject by an image pickup unit, recognize the movement trail of said recognition subject;

a control unit configured to generate a predetermined recognizable movement direction image picture in advance for making a user visualize said recognizable movement direction and displaying it on a predetermined display unit; and

a transformation unit, configured to transform said movement trail recognized by said movement trail recognizing unit to correspond with said recognizable movement direction.” (emphasis added)

As understood by Applicants, U.S. Patent No. 6,690,357 to Dunton et al.

(hereinafter, merely, “Dunton”) relates an electronic device that receives inputs using images of input devices and scanning sensors that detect user interaction with those images. An image of a mouse may be projected and the user's interaction with that image may be scanned using digital video cameras. These user movement images may then be analyzed to determine, for example, the direction, extent and rate of movement of the user to provide pointer position command signals. The user's movement relative to a virtual keyboard image may be analyzed and converted into key actuation signals for responding to the actuated virtual keys.

As understood by Applicants, U.S. Patent No. 6,388,665 to Linnett et al.

(hereinafter, merely, “Linnett”) relates to a software development platform to generate a user interface that adopts a real world metaphor. The user interface appears to a user as containing rooms of a home. The user can specify what rooms are to be included in the home and can specify the style of the appearance of the rooms of the home. The user interface serves as a

vehicle for the user to invoke applications and perform tasks. The user interface also generates a personal character for each user.

Applicants respectfully traverse the rejection because the combination fails to teach or suggest the features of the pending.

Applicants respectfully submit that neither Dunton nor Linnett, taken alone or in combination, teach or suggest the above-identified features of claim 5. Specifically, nothing has been found in either Dunton or Linnett that would teach or suggest a transformation unit configured to transform said movement trail recognized by said movement trail recognizing unit to correspond with said recognizable movement direction, as recited in claim 5.

For reasons similar to those described above with regard to independent claim 5, independent claims 8 and 9, which recite similar features, are also believed to be allowable.

IV. DEPENDENT CLAIMS

The other claims in this application are each dependent from one or another of the independent claims discussed above and are therefore believed patentable for the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

CONCLUSION

In the event the Examiner disagrees with any of statements appearing above with respect to the disclosures in the cited reference, or references, it is respectfully requested that the

Examiner specifically indicate those portions of the reference, or references, providing the basis for a contrary view.

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In view of the foregoing amendments and remarks, it is believed that all of the claims in this application are patentable and Applicants respectfully request early passage to issue of the present application.

Respectfully submitted,
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